



XMSF “Deep Dive” Developers Days

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Motivation

- Sufficient mastery in Web Services exists that we want to share exemplars with developer community
 - Expose growing body of XMSF projects
- Support a distributed developer community
 - Place online for further study, extension



Sessions

- Xj3D for Extensible 3D (X3D) Graphics
- XSBC XML Schema Binary Compression
- AUV Workbench
- NEW Network EducationWare
- XC2I: Visualization
- XC2I: Web Services Interest Management
- XC2I: Role-based Access Control

Xj3D

- Alan Hudson and Justin Couch
 - Yumetech <http://www.yumetech.com>
- Xj3D Open-Source browser for X3D
 - On X3D SDK, also <http://www.xj3d.org>



XSBC

- XML Schema-based Binary Compression
- Open Source
 - Alan Hudson, Yumetech
 - Don McGregor and Don Brutzman, NPS
- W3C Binary XML Characterization Working group



AUV Workbench

- Open-source tactical exemplar
- 2D, 3D windows
- Robot software, hydrodynamics
- Autonomous Vehicle Command Language
- Sonar visualization
 - Local and supercomputer web services for computation, environmental data



NEW: Network EducationWare

- Dr. J. Mark Pullen, George Mason University (GMU) <http://netlab.gmu.edu>
- Open-source multimedia software system for internet education and conferencing
- Community infrastructure for XMSF
 - XMSF Presentation ODU VMASC - Singapore

Assembled Tools - Teaching

NEW

Network EducationWare
Synchronous Internet Distributed Education

THE RECORDER IS WAITING TO BE STARTED

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Release Floor

Grant Next

Floor Rules

About FC

RED HAS THE FLOOR

mpullen

SEND
TO PROF:
SEND
TO ALL:
SYSTEM
MESSAGES:

RECEIVED MESSAGES:
mpullen >Hello there



XC2I: Experimentation C² Interface

- Visualization Information Control (VIC) Component
 - Dr. Andreas Tolk ODU VMASC
- Web Services Interest Management
 - Dr. Katherine L. Morse SAIC
 - Dr. J. Mark Pullen GMU
- Role-based Access Control
 - Dr. Katherine L. Morse SAIC



Contact

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